

Work Order ID 146058

Friday, May 06, 2016 8:58:29 AM

146058

Page 1

Item ID: D3174-1 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Mounting Lug
 Start Date: 4/29/2016 Start Qty: 8.00 ***8*** Cust Item ID:
 Required Date: 5/6/2016 Req'd Qty: 8.00 ***8*** Customer:
 Reference:

Approvals: Process Plan: Em Date: 16/05/09 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3174	Rev A1								
100	FLOW WATER JET	0.00							
100									
Waterjet	Memo	0.40							
FLOW CNC Waterjet	1-Cut as per Dwg D3174 Dwg Rev: <u>A1</u> Prog Rev: <u>A1</u> 2- Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
110									
QC	Memo	0.08							
Quality Control									
120	QC8- Inspect parts - second check	0.00							
120									
QC	Memo	0.16							
Quality Control									

(10)

De 116/08/15

(10)

De 116/08/15

(10)

DAS
38
9-89

AUG 15 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* Small Fab	Small Fab	0.00							
Small Fab	Memo Deburr if necessary	0.00							
	<i>N/A</i> DAS 38 9-89								
140 *140* QC	QC5- Inspect part completeness to step on W/O	0.00							
Quality Control	Memo	0.16							
	<i>N/A</i> DAS 38 9-89								
150 *150* Packaging	Identify as per dwg & Stock Location: _____	0.00							
Packaging	Memo *****STOCK IN BASKET CELL***** LOCATION : WA004	0.08							
	<i>N/A</i> DAS 6 9-89								

cut
10
PC
AUG 15 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
160							DAS		
QC	Memo	0.80					21	AUG 16 2016	
Quality Control							9-89		
							DAS		
							21		
							9-89	AUG 16 2016	

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Root Cause			FAULT CATEGORY					
Environment ☐		No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐		Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
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Past Expiry Date ☐		Manufacturing Process ☐	OTHER : _____					
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Picklist Print

Friday, May 06, 2016 8:58:29 AM

Page 1

Work Order ID: 146058

146058

Parent Item: D3174-1

D3174-1

Parent Item Name: Mounting Lug

Start Date: 4/29/2016

Required Date: 5/6/2016

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP: A03.01.29New issueKJ/RF
IPP Rev:B 08-08-19 now made on water jet DD verified by:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S16GA		Purchased		No		100	sf	254.3600	0.0408	0.343579			

M304S16GA

304/316 Sheet .063

DC 16/08/14

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
MAT010	80	
m134677	80	
MAT019	82.276	
m134067	0.706	
m134158	17.303	
m134399	1.067	
m134551	63.2	
TPI	92.084	
m134604	92.084	
135061		

.6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

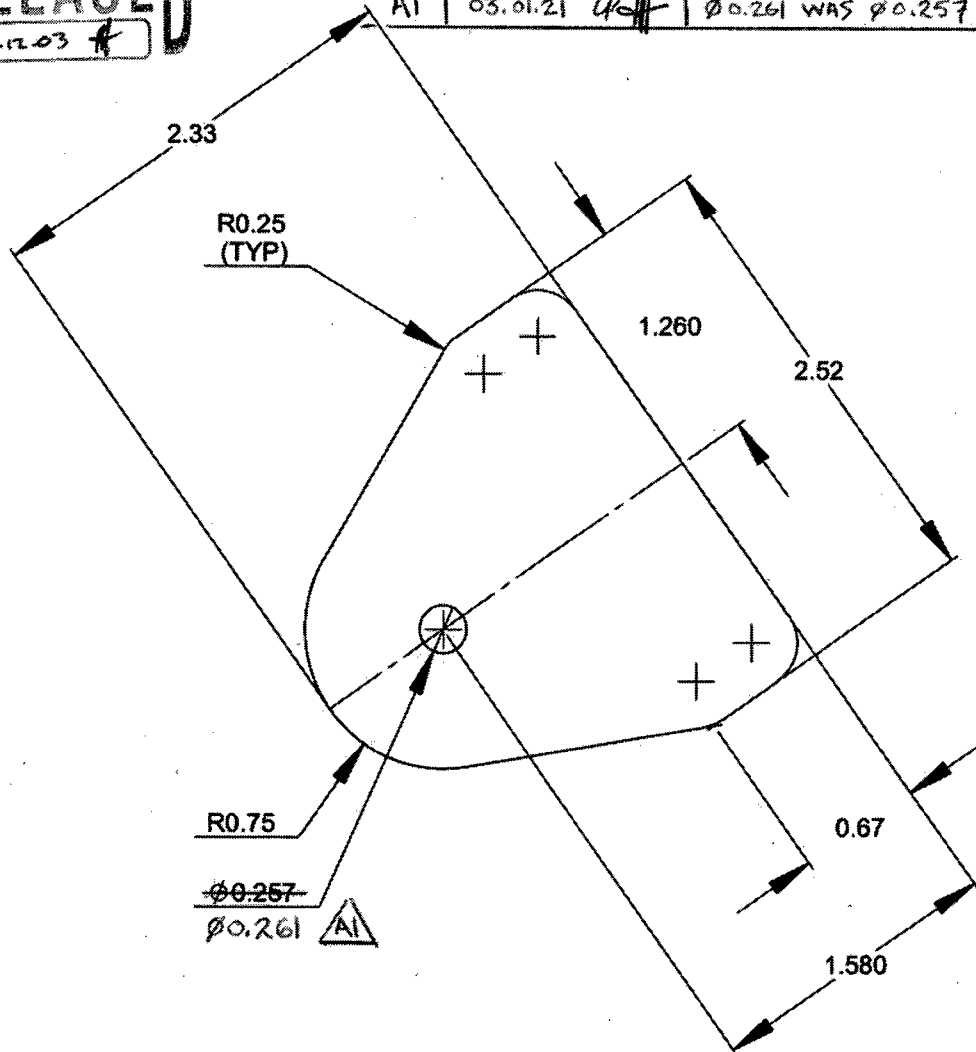
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OTHER : _____					



DESIGN <i>UP</i>	DRAWN BY <i>UP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3174	REV. A SHEET 1 OF 1
DATE 02.12.03		TITLE MOUNTING LUG	SCALE 1:1
A	02.12.03	NEW ISSUE	
AI	03.01.21 <i>UP</i>	Ø0.261 WAS Ø0.257	

RELEASED
02.12.03 *[Signature]*



D3174-1 MOUNTING LUG

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET 0.063 THICK
(REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005-0.010 MAX
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES

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W/O 141058

28/11/05/09